

**TOWN OF MANSFIELD
MANSFIELD, CONNECTICUT**

INVITATION TO BID

**46,000 LB Dump Truck Chassis
Mansfield Department of Public Works**

Sealed bids are invited and will be received by the Town of Mansfield, Connecticut at the Office of the Director of Finance, 4 South Eagleville Road, Mansfield, Connecticut 06268 until **2:00 p.m. on Thursday, July 7, 2016**, at which time and place they will be publicly opened and read aloud for a 46,000 LB Dump Truck Chassis for road maintenance and snow plowing.

The Instructions to Bidders, Form of Bid, Specifications, and other contract documents may be examined in the Engineering Office of the Town of Mansfield, Town Office Building, 4 South Eagleville Road, Mansfield, CT 06268. Copies can be obtained from the Legal Notices section of the Town of Mansfield website <http://www.mansfieldct.gov/>. Proposals must be submitted on the forms provided and in a sealed envelope plainly marked **“Bid for 46,000 LB Dump Truck Chassis”**.

The Town of Mansfield hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation, and they will not be discriminated against on the grounds of race, color, national origin or sex, in consideration for an award. An Affirmative Action/Equal Opportunity Employer. Minority/Women’s Business Enterprises are encouraged to apply.

If you intend to bid please notify John Carrington, Director of Public Works, at (860) 429-3331 or by email at PublicWorks@mansfieldct.org so you may receive any and all addendum.

To receive consideration bids must be in the hands of the Director of Finance or her authorized representative no later than the day and hour mentioned above.

The Town of Mansfield reserves the right to accept or reject any or all bids; to waive any informality; or to accept any bid deemed in the best interests of the Town of Mansfield.

All bids shall be considered valid for a period of sixty (60) days.

Cherie A. Trahan
Director of Finance
Town of Mansfield

INSTRUCTIONS TO BIDDERS

The attached specifications and bid form allow each bidder to substitute his own equipment specifications for those specified on the form. However, each bidder must fill in every space in the last column marked "Bidder's Proposal" or his bid will be incomplete. If the equipment you will supply is exactly as specified in the middle column marked "Specification", then please mark the proposal column with a check mark (√). If the equipment you will supply will have different features or specifications than described, then you must indicate what you propose to supply instead in the space in the last column. All spaces in the Bidder's Proposal column **MUST** be either checked or filled in with words.

As an example, consider the fuel tank for the dump truck chassis. If you will supply a 26 inch Aluminum 50 gallon tank on the left side, the bid would be filled out with a check:

BID ITEM	SPECIFICATION	(√) or BIDDER'S PROPOSAL
Fuel Tank	26" Al 50 gal LH U/C	√

On the other hand, if you will supply a single 60 gallon tank on the right side, the bid should be filled out in words:

BID ITEM	SPECIFICATION	(√) or BIDDER'S PROPOSAL
Fuel Tank	26" Al 50 gal LH U/C	50 gal. single tank on right side

The Town will consider all bids but reserves the right to reject any bids not meeting the minimum specifications and to reject any and all bids. Please complete all items of the bid and bid form.

46,000 LB. DUMP TRUCK CHASSIS (COMPLETE)

This specification calls for furnishing one new, current production model 46,000 lb. GCW dump truck chassis for use in general road maintenance and snow plowing complete and ready for use as specified below. Bidder must complete every space under "Bidder's Proposal" with either a check mark (✓) to indicate the item being bid is exactly as specified or a description to indicate any deviation of the item being bid from the specifications. The Town may reject any bids not meeting the minimum specifications. The Town reserves the right to reject any and all bids and to waive any informalities in the bidding.

BID ITEM	SPECIFICATION	(✓) or BIDDER'S PROPOSAL
Vehicle	The truck chassis covered by these specifications is to be used for general maintenance, heavy snow plowing and winter sand & salt application. It shall be a new, current production model with a minimum advertised gross vehicle weight of 46,000 lbs. as specified below. Truck shall be equipped as specified below. Any additions, deletions or variations from the following specifications must be noted. Any items appearing in the manufacturer's regular published specifications furnished by the bidder are assumed to be included in the "Bidder's Proposal". Any additions, deletions or variations from the manufacturer's regular published specifications must be outlined in an attached letter.	Manufacturer: _____ _____ Year: _____ Model: _____
Freight, Dealer Service & Preparation Charges	All freight, dealer service and other dealer charges shall be F.O.B. the Town Garage, 230 Clover Mill Road, Mansfield, CT and shall be included as part of bid price.	

BID ITEM	SPECIFICATION	(√) or BIDDER'S PROPOSAL
Manuals (printed)	Bidder shall provide all manuals for the equipment provided, including electrical, in book form (printed media).	
Warranty	Standard manufacturer's warranty must be provided and attached to this bid (consideration will be given to better warranties). Minimum 60 month/100,000 mile engine warranty. Extended engine warranty to include turbo charger, water pump, injectors and engine. No deductible. 5 year/200,000 miles.	Engine: _____ Chassis: _____
Front Axle	Minimum 20,000 lb. Dana Spicer 3.5 inch drop, PHP10 Iron LMS Hubs; Synthetic axle lubricant system	
Rear Axle	Minimum 26,000 lb. Dana Spicer S26-190, PHP10 Iron Hubs, Synthetic axle lubricant system. 6.14 Rear Axle; Traction Control	
Front Tires & Wheels	BR 20 ply 315/80 R22.5 M860 on Accur 29039 Plt 22.5 x 9.00 steel wheels pilot mount, 5 hand holes	
Rear Tires & Wheels	20 ply 315/80R 22.5 M843 on Accur 29300 Plt 22.5 x 9.00 steel wheels pilot mount, 5 hand holes	
Frame	10 - ¾ " Steel Rails to 354" (3/8" Rail Thickness), 3 piece cross members 27.8" front bumper extension with crankshaft adapter plate & stationary grille	
Brakes	Front: Bendix Air Cam Front Brakes 16.5x 7 with Brake Dust shields Rear: Bendix Air Cam Drum Brakes, 16.5x7 Cam Brakes-Single axle dust shields; Parking brake; rear brake camshaft reinforcement; automatic slack adjusters Bendix 4S4M ABS; SBM Valve	

BID ITEM	SPECIFICATION	(√) or BIDDER'S PROPOSAL
Springs	Front: Taper leaf springs & shocks, 20,000 lb. Rear: Reyco 79KB Multi-leaf 26,000 lb. with 4,500 lb. Reyco helper springs	
Engine	Turbocharged diesel developing 350 hp@ 2,200 rpm and 1,000 ft-lbs. torque @ 1400 rpm manufactured by PACCAR. Engine shall have a high-efficiency cooling system, an aluminum flywheel housing, cruise control and an interface point for ESA and diagnostic tools meeting PACCAR J1939 provisions.	
Engine	Engine shall be CARB compliant and certified as such that it meets the NOx idling standard.	
Engine	18.7 CFM Air Compressor furnished on Engine with Teflon lined stainless steel braided compressor discharge line.	
Engine	Engine shall have HO Belly Pan	
Exhaust Brake	Variable Geometry Turbo to provide 90-100 HP of retardation	
Fuel Filter	Spin-on, frame mounted filter with fuel/water separator	
Engine Protection Shutdown	Shall include oil pressure, oil temp, coolant temp & intake manifold temp.	
Air Cleaner	Radial seal/dry type with frontal air intake	
Fuel Tank	26" Al 50 gal LH U/C	
Alternator	12v-130 Amp, brushless w/voltage regulator. Alternator shall provide 80 amps at low engine RPM.	
Starter	12v	
Batteries	12v - three providing 2,000 CCA Threaded stud type terminal	
Battery Box & Pad	Aluminum battery box with Non-slip step mounted under cab on left side, rubber battery pad under battery, battery disconnect switch mounted on box.	

BID ITEM	SPECIFICATION	(√) or BIDDER'S PROPOSAL
Exhaust	Single exhaust Right side of Cab with full round stainless steel exhaust guard & curved tip standpipe	
Automatic Transmission	Allison 3000 RDS-P Rugged duty series with 6 speed close ratio gears. Rear transmission support, water/oil heat exchanger. Seat mounted removable T-Handle shifter. Transmission fluid, filter & clutch condition monitor including percent life remaining for transmission fluid, filter & clutches. Icon to indicate when service is needed. <u>Note: Location of shifter control MUST be shown to and approved by Town prior to truck order.</u> Five year extended warranty.	
	1710 HD driveline with single midship bearing	
	Auto neutral to activate with parking brake	
Air Dryer	Bendix AD-IS air dryer with heater Integrated system air dryer incorporating the functions of the air dryer, purge reservoir, wet air tank, press relief valve, single check valves and pressure protection valve with easy to service spin-on desiccant cartridge.	
Cab & Equipment	Aluminum cab 108" BBC, Metton Hood with Bright Crown and a RH door view window.	
cab materials	Aluminum side skins, aluminum rear skin, aluminum windshield mask, steel firewall, steel front floor sheet & steel isolator insert	
insulation	Thermal insulation to include thick, closed-cell foam in floor, mylar-faced foam in walls and roof.	
fender lips	Rubber fender lips (2.25 inches)	

BID ITEM	SPECIFICATION	(√) or BIDDER'S PROPOSAL
driver's seat	Ultra-ride high-back vinyl air driver seat, black	
passenger seat	Ultra-ride low-back vinyl passenger seat (non-air) with storage compartment under seat, black	
seat belts	3-point, driver & passenger	
cab interior	Vinyl padded headliner & back panels Doors with rubber insert 2 inside entry grab handles contoured arm rests 2 inside sun visors 2 coat hooks Rubber floor mats 2 cup holders; 2 12v power ports Header mounted dome light	
windows	Day cab rear window, standard tint	
	Power windows with driver control	
Heat/A-C	Combination Fresh Air Heater and Air Conditioner Radiator mounted condenser, side window defrosters, bi-level heater/defroster controls, 54,500 BTU/HR, silicone heater hoses	
outside visor	Stainless steel outside sun visor	
mirrors	Stainless steel (7x16) heated. Convex mirror over RH Door 2 convex 8" SS mirrors, center mounted under mirror bracket, heated.	
horn	Air horn 24.5", chrome with shield mounted RH	
radio	AM/FM Radio with clock Antenna mounted on RH mirror bracket	
circuit breaker	Plug-in, auto-reset circuit breaker in place of fuses in junction box	
wipers	Electric wipers with intermittent setting	
Backup Alarm	107 dB	

BID ITEM	SPECIFICATION	(√) or BIDDER'S PROPOSAL
Instrumentation	Trans oil temp, electric speedometer w/trip odometer, tach w/integral hour meter, volt meter, dual air pressure, engine oil pressure, water temp, fuel level	
Body Wiring Kit	Wiring at back of cab at frame including sealed connectors for tail/turn/marker/backup/accessory power/ground and sealed connector for stop/turn.	
Warning Lights	High water temp, low oil pressure, low air pressure (with buzzers), high beam & turn signal indicators, parking brake warning light. Interaxle differential lockout warning light, inlet air heater and alternator charging system warning lights.	
Lights	Composite fender mounted with integral park, turn & side marker. 5 LED Marker Lights 1-6" spot light-round, halogen, LH 2 Dome reading lights	
Paint	Dupont 2 stage Basecoat/clearcoat School bus yellow - cab/hood Black-Frame White-wheels	
Miscellaneous Equipment	Minimum 5 lb. fire extinguisher, safety stickers & lettering at standard points of concern. Triangle kit.	
Parts & Service Capability	Bidder/manufacturer must be able to provide complete parts and service for the vehicle via a fully authorized dealer located not more than 50 miles from the Mansfield Town Garage.	

**Town of Mansfield
Bid Proposal**

46,000 GCW Dump Truck Chassis

BID OPENING: 2:00 p.m., Thursday, July 7, 2016

Office of the Director of Finance, 4 South Eagleville Road, Mansfield, Connecticut 06268

To: Cherie A. Trahan
Director of Finance
Town of Mansfield
4 South Eagleville Road
Mansfield, Connecticut 06268

The undersigned, as bidder, agrees to furnish a 46,000 lb. GCW Dump Truck Chassis, complete and as specified herein. The bidder proposes to furnish all labor, materials, and equipment, and all else whatsoever required for the "46,000 GCW Dump Truck Chassis" as amended by the addendum noted below for the amounts shown herein under Schedule of Bid.

Addendum No. _____ Dated: _____

Addendum No. _____ Dated: _____

Addendum No. _____ Dated: _____

It is understood and agreed that the Owner has the privilege of rejecting any or all Bids and of waiving informality in any bid.

It is further understood and agreed that this bid shall be irrevocable for sixty (60) calendar days after bid receipt date.

SCHEDULE OF BID

All prices must be clearly written, in ink or typed, in words as well as figures, for the entire Bid. In the event of a discrepancy between the lump sum price in words and unit price in figures, the written unit price in words shall govern.

_____ Dollars and _____ Cents
(Words)

\$ _____
(Numbers)

BIDDER:

COMPANY

SIGNATURE BY DULY AUTHORIZED

(SEAL)

PRINT OR TYPE NAME

TITLE

DATE

ADDRESS

TELEPHONE

FAX

EMAIL ADDRESS

VENDOR FEIN